

A vehicle hydraulic brake system includes a hydraulic pressure generator which pressurizes brake fluid supplied from a reservoir to apply brake pressure to a wheel cylinder in response to operation of a brake member, an auxiliary hydraulic pressure source having an accumulator and a hydraulic pump that pressurizes brake fluid supplied from the reservoir to a predetermined level for generating power hydraulic pressure, and an output hydraulic pressure detector for continuously detecting an output hydraulic pressure of the accumulator. A vehicle condition detector continuously detects an operating condition of the vehicle and a driving condition setting device sets a driving condition of the hydraulic pump based on the detected operating condition of the vehicle. A driving control device controls the hydraulic pump based on the driving condition of the hydraulic pump set by the driving condition setting device and the output hydraulic pressure of the accumulator.